UNIVERSITY OF HAWAII LIBRARY

THE MARINER'S MIRROR

THE JOURNAL OF
THE SOCIETY FOR NAUTICAL RESEARCH

VOLUME 81
1995

GREENWICH
1995

VK
1
M338

© 1995 The Society for Nautical Research

The Society claims world copyright for all materials whether textual or illustrative appearing in *The Mariner's Mirror* with the sole exception of material specifically attributed to another copyright holder. No material may be reproduced without the prior written consent of the Hon. Editor.

ISSN 0025-3359

Page typesetting by
Eden Valley Press, Kirkby Stephen, Cumbria

Printed in Great Britain at
The Alden Press, Oxford

CONTENTS
1995

PAGE

OBITUARIES

Helen Wallis OBE, DPhil, FSA, FRHistS. By *Derek Howse and Edward Gueritz* 131
Lt Cdr Richard Tomlin RD, CEng, MIMeche, RNR. *By Derek Howse* 133

ARTICLES

A SURVIVING CHARTER-PARTY OF 1323. *By Robin Ward* 387
RIDDLES: THE ENIGMAS OF 'ORZA' AND 'POGGIA'. *By Sergio Bellabarba* 134
PORTUGUESE AND SPANISH ATTEMPTS TO MEASURE LONGITUDE IN THE SIXTEENTH CENTURY. *By W.G.L. Randles* 402
ENGLISH OPERATIONS AROUND BREST, 1594. *By John S. Nolan* 259
PRELUDE TO POWER: THE CRISIS OF 1649 AND THE FOUNDATION OF ENGLISH NAVAL POWER. *By James S. Wheeler* 148
'A BUSINESS OF MUCH DIFFICULTY': A LONDON SLAVING VENTURE, 1651-54. *By John C. Appleby* 3
IRON BALLAST FOR THE GEORGIAN NAVY AND ITS PRODUCERS. *By P.W. King* 15
JAMES RAMSAY, 1733-89: NAVAL SURGEON, NAVAL CHAPLAIN AND MORNING STAR OF THE ANTI-SLAVERY MOVEMENT. *By Sir James Watt* 156
AN ALBUM OF DRAWINGS BY GABRIEL BRAY RN, H.M.S. *PALLAS*, 1774-75. *By Roger Quarm* 32
HENRIK GERNER AND THE DANISH 1776 'DEFENCE SHIP' PROGRAMME. *By Dan G. Harris* 275
THE PROCUREMENT OF SHIPPING BY THE BOARD OF ORDNANCE DURING THE AMERICAN WAR, 1775-82. *By David Syrett* 409
EARLY LIFE-BOATS IN LIVERPOOL BAY. *By Nicholas Leach* 21
THE ACCOUNT BOOKS OF THE *DISKO BAY* OF NEWCASTLE, 1784-1802: A CASE STUDY OF VESSEL MANAGEMENT COSTS AND PROFITABILITY IN THE BRITISH SHIPPING INDUSTRY. *By Tony Barrow* 171
THE NAVY IN THE RIVER PLATE, 1806-08. *By John D. Grainger* 287
THE *NEW HOLLAND*: HER VOYAGES AND THE MEN WHO SAILED HER. *By Iain Rodger* 417
SAMUEL PAYNE: VICTORIAN NAVAL CHAPLAIN. *By Ernest Heberden* 438
'FIT FOR SERVICE ABROAD': PROMOTION, RETIREMENT AND ROYAL NAVY OFFICERS, 1830-90. *By John Beeler* 300
THE FIRST BLOCKADE RUNNER AND 'ANOTHER *ALABAMA*': SOME TEES AND HARTLEPOOL SHIPS THAT WORRIED THE UNION. *By Peter Barton* 45
WOODEN FLOATING DOCKS IN THE PORT OF QUEBEC FROM 1827 UNTIL THE 1930s. *By Eileen Reid Marcil* 448
THE PURCHASE OF GUNBOATS FOR THE AUSTRALIAN COLONIAL NAVIES, 1881-87. *By Colin Jones* 182
THE FOREIGN INTELLIGENCE COMMITTEE AND THE ORIGINS OF THE NAVAL INTELLIGENCE DEPARTMENT OF THE ADMIRALTY. *By Matthew Allen* 65
BRITISH SHIPPING AND THE DIESEL ENGINE: THE EARLY YEARS. *By Dennis Griffiths* 313
ACTIONS AGAINST 'ELBINGS', APRIL 1944. *By John Watkins* 195
WORKING A THAMES SAILING BARGE CIRCA 1950. *By Peter Thomson* 457

NOTES

The performance of the *Olympias* under oars. *By A.F. Tilley* 207
Trireme reconstructions: some comments in response to Ewan Corlett. *By John Coates* 463
The validity of *Olympias* as a reconstruction of an ancient Greek trireme. *By John Coates, John Morrison, Boris Rankov and Timothy Shaw* 464
Rams of Byzantine Dromons. *By Marco Bonino* 80
Japanese craft *c.*1585 – the *Tradato* of Luís Fróis. *By Richard Barker* 82
What were the *prikke-både* of Malmø? *By Valerie Fenwick* 465
Naval chaplains in the late seventeenth and early eighteenth century. *By Mark Harris* 207
The Madagascar affair: A little known Swedish project of colonisation. *By Charles Dawson* 210
The origins of the Mersey flat. *By Owain T.P. Roberts* 212
The origins of the Mersey flat. *By H.M. Hignett* 466
The Gillkicker seamark. *By Peter LeFevre* 332
Diving engines and divers in the early eighteenth century. *By Stephen Fisher* 467
Royal Navy victualling for the eighteenth-century Lisbon station. *By J.D. Alsop* 468
Battle reliefs on English church monuments. *By Barbara Tomlinson* 333
Box-like freight-boats in the eighteenth-century Fenlands. *By H.J.K. Jenkins* 83
Vancouver and Camelford. *By J.E. Roberts* 84
Captain George Andrews, *c.*1767-1810, a protégé of Nelson. *By John Sugden* 85
The Royal Navy and the Peninsular War. *By A.J. Pack* 88
Two early steamships fitted with two engines. *By Martin Bellamy* 469
An 1845 British assessment of the world's steamships. *By J. Colin Bain* 338
Forgotten centenary? Blackwood's screw-lifting dock at Bridgetown, Barbados. *By Tom Threlfall* 213
The Shellbend Folding Boat: A story of Victorian ingenuity. *By Anthony Tibbles* 472
Buoy tenders in *Operation Neptune. By Richard Woodman* 217
British naval guns in Micronesia. *By Dirk H.R. Spennemann* 343
H.M.S. *Conway*'s cutters. *By A.W. Kinghorn* 89
Malagasy craft in the 1960s. *By Richard Baker* 90
The Seventh International Symposia of Boat and Ship Archaeology at Tatihou, 19-22 July 1994. *By Honor Frost* 217

QUERIES

1. Cape Kenrick. *From Robert Morgan* 92
2. The port of Camphire. *From Hugh Moffat* 93
3. Darcy Lever. *From John H. Harland* 93
4. 'Steam-Draggers' *c.*1816. *From H.J.K. Jenkins* 93
5. Steam Privateers and capitalists. *From H.J.K. Jenkins* 93
6. RN shore establishments in S.W. Ireland 1900-38. *From M. Rathbone* 93
7. Getting a sailing ship to sea from a dock or enclosed harbour. *From M.D. Lewis* 21
8. Captain Austin and his buoyancy tanks. *From Charles Dawson* 219
9. The Perkins steam-gun. *From R.C. Saxby* 219
10. The original fugurehead of H.M.S. *Britannia*? *From James S. Warren* 220
11. The forbidden *Universe. From Robert Miller* 220
12. The Bailey Collection at The Mariners' Museum, Newport News. *From Lois Oglesby* 221
13. The Scipfyrd. *From C.D. Lee* 347
14. The survivors of the *Lutine. From P. Barton* 347
15. The tonnage rule divisor. *From Robert L. Hamilton* 347
15. The naval crown and apostolic injunction. *From Tom Vickers* 348
17. Why 'on' not 'in'? *From Captain R.F. Channon RN* 348
18. Obelisks in Hong Kong. *From Dr D.D. Waters* 348
19. French connections. *From Bruce Turner* 349
20. A naval shoehorn? *From R.S. Thubron* 350
21. A sternboard of 1622? *From Basil Harley* 476
22. The first 'modern' four-masted ships. *From Giovanni Santi-Mazzini* 477

23. Naval operations in the Arctic 1808-09. *From Ian R. Stone* 478
24. Memorial to Captain Richard Dalling Dunn. *From R.O. Pook* 478
25. A naval medal or medallion found in Australia. *From Brad Duncan* 478

ANSWERS
44. (1913) Bow-first launching. *By Richard Barker* 94
12. (1989) Vela quarteada. *By Richard Barker* 479
16. (1992) Compound engines. *By Charles Dawson* 95
27. (1993) Wherries. *By M.K. Stammers* 350
2. (1994) Identification of graffiti left by British sailors in France in the eighteenth century. *By Peter Raban* 221
7. (1994) Muffy, Moffradite, Hermaphrodite. *By Timm Weski* 222
9. (1994) Elizabethan warship wrecked off Alderney. *By Michael Bowyer* 96
20. (1994) French-built ships for the Confederacy. *Dr Jakob Ramlau* 96
21. (1994) Screwing in the bales. *By John H. Harland* 97
Giovanni Santi-Mazzini 98
Richard J. Wilson 223
C.H. Milsom 479
22. (1994) Handling wire buntlines. *By Timm Weski* 98
23. (1994) Paravoor, prevoor, parvoor. *By John P. Bethell* 224
27. (1994) Livery of RN warships in Eastern Waters 1920-39. *By R.M. McGarel-Groves* 225
Captain G. Blamey RN 351
1. (1995) Cape Kenrick. *By David B. Quinn* 352
2. (1995) The port of Camphire. *By Brendan King* 352
A.D.M. Forte 352
7. (1995) Getting a sailing ship to sea from a dock or enclosed harbour. *By Timm Weski* 479
8. (1995) Captain Austin and his buoyancy tanks. *By Charles Dawson* 480
9. (1995) The Perkins steam-gun. *By Colin Bain* 480
T.M. Conway 480
Giovanni Santi-Mazzini 481
John Wassell 481

SOCIETY RECORDS
Chairman's Annual Report 353
Secretary's Report of the A.G.M. 10 June 1995 354

CORRESPONDENCE
Cargo handling and the medieval cog. *From Edward von der Porten* 99
Colin Tipping 99
S.S. *Caledonia. From Charles Dawson* 100
An East Anglia penny of about 830 A.D. *From Valerie Fenwick* 100
The Barkhams and the Basque fisheries. *From Richard Barker* 225
The discovery of the Columbia River. *From Andrew David* 225
The Nautical Dictionary project. *From Laurence Urdang* 226
The Coastal Craft Sub-Committee. *From Lt Cdr Robin Board* 357
Helen Wallis. *From Barry Gough* 482
Japanese craft circa 1585: the 'yuloh'. *From Owain T.P. Roberts* 482
Box-like freight boats in the eighteenth-century Fenlands. *From M.K. Stammers* 483
Two engines or two cylinders. *From Martin Bellamy* 483

REVIEWS 103-24, 227-53, 357-79, 485-506
Books listed 102, 130, 257-8, 386

SHORT NOTICES 124-26, 253-54, 379-80, 506-8

THE MARINER'S MIRROR